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CLAIMS:

- 1. Relay set (4, 4') for the optical system of a rigid endoscope, said optical system comprising an objective (1) at the distal end, an ocular (5) at the proximal end and between them a relay lens system consisting of several relay sets (2, 3, 4), said relay set (4,4') consisting of two half sets (4.1, 4.2) having the same lens units (11.1, 12.1, 13.1; 11.2, 12.2, 13.2) arranged symmetrically with respect to the centre (10) of the set (4, 4'), each half set (4.1, 4.2) consisting of two positive power lens units (11.1, 13.1; 11.2, 13.2) at the ends and one negative power lens unit (12.1; 12.2) in the middle, **characterised in that** each half set is of Triplet design.
- 2. Relay set according to claim 1, **characterised in that** the negative power of the middle lens unit (12.1, 12.2) is of a strength to compensate curvature of field aberration also for at least one other relay set (2, 3).
- 3. Relay set according to claim 1, **characterised in that** the outer end lens unit (11.1, 11.2) is of plane-convex form and the middle unit (12.1, 12.2) is of plane-concave form, said lens units (11.1, 12.1; 11.2, 12.2) being cemented together at the plane faces.
- 4. Relay set according to claim 1, **characterised in that** the inner end lens unit (13.1, 13.2) is a cemented doublet.